

## ProStor PS 50 Thermal Heating Water Storage Vessel

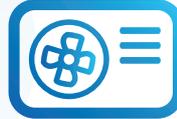
### Product Description

#### ProStor PS Thermal: Heating / Chilled Water Storage Vessel

The ProStor PS range is suitable for Heating and Chilled water applications and can be used for installations with Air Source Heat Pumps. Each vessel is supplied fully insulated and with a variety of heat carriers, service connections and sensor pockets to give flexibility to the design engineer and installer. ProStor PS vessels are fitted with baffle plates to help promote stratification, inspection hatch, and inlet/ outlet deflector plates. Vessels can be shipped with or without insulation as requested.

#### PS Range: Features

- High Quality Steel Construction
- Capacities 50 - 10,000 litres
- Stratification Baffles
- Low Standing Losses
- 3 Year Warranty
- ASHP Ready Logo
- Suitable for use with heating water applications



**ASHP  
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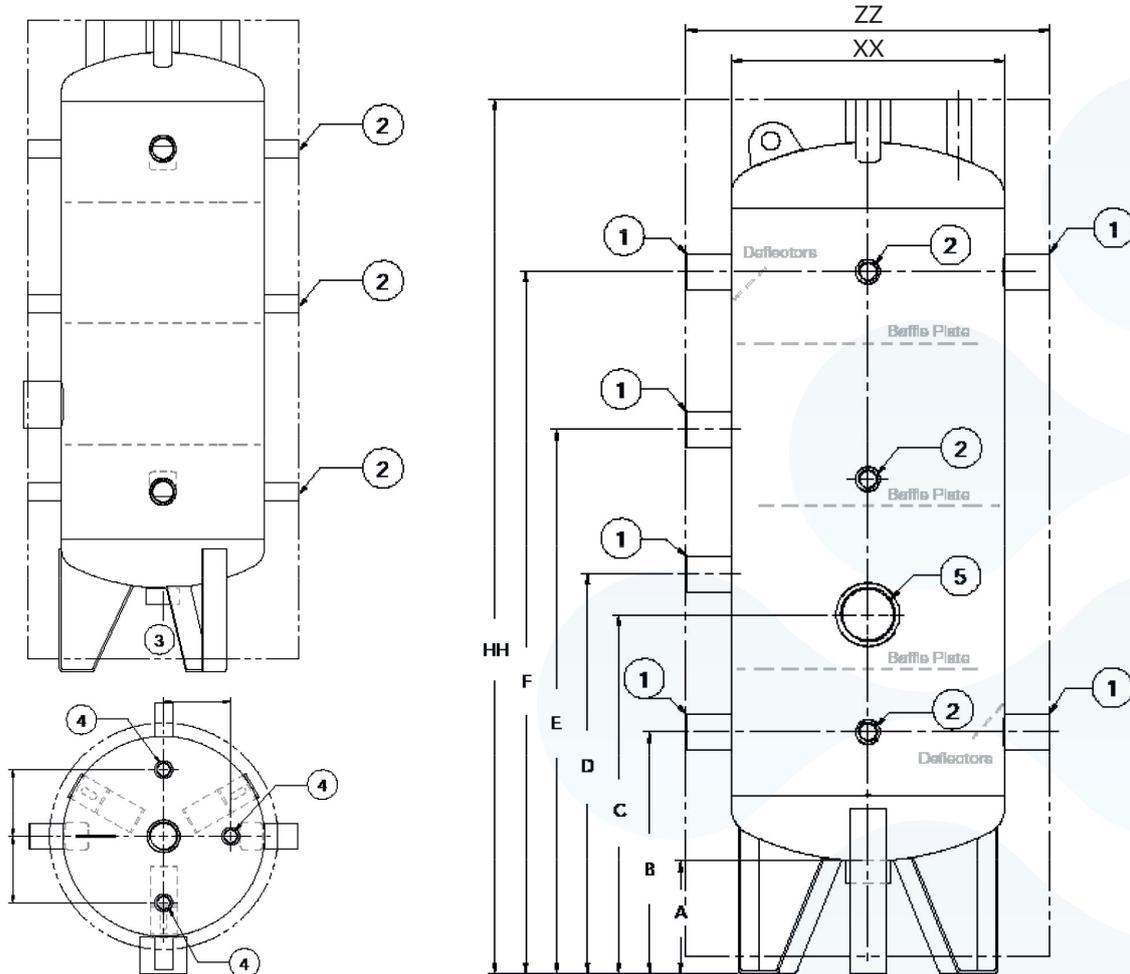
### Technical Specification

Capacity	53 litres
Orientation	Vertical
Construction Materials	High Quality Steel
Insulation Material & Thickness	50mm Flexible Insulation with PVC Outer Jacket
Standing Energy Losses*	51.6 w/hr
	1.24 kwh/24hrs
Total Height with Insulation	970mm
Total Diameter with Insulation	400mm
Total Diameter without Insulation	300mm
Weight Empty	22 kg
Maximum working pressure - Vessel	6 bar
Test Pressure	9 bar
Maximum working temperature	95°C

\* Based upon ERP standard 65°C cylinder temperature at 20°C ambient air temperature

# TECHNICAL PRODUCT SUBMITTAL

## ProStor PS 50 Thermal Heating Water Storage Vessel



### Dimensions (mm)

A	125 mm
B	268 mm
C	400 mm
D	443 mm
E	603 mm
F	778 mm
HH	970 mm
JJ	n/a
XX	300 mm
ZZ	400 mm

### Connections (BSP/mm)

1	Service Connection x6	1 ½"
2	Sensor Tappings x6	½"
3	Drain x1	1 ¼"
4	Top Connections x3	½"
5	Immersion Connections x1	2"
6	Inspection Hatch (mm)	n/a

